

additional copies of approved plans, he should submit enough for the necessary distribution.

NOTE: The Coast Guard and the American Bureau of Shipping (ABS) coordinate plan review for vessels classed by the ABS in order to eliminate duplication of effort. An applicant for plan review of a vessel that is classed by the ABS should consult Commanding Officer, Marine Safety Center, to determine applicable procedures for submitting plans.

[CGD 74-125A, 47 FR 15232, Apr. 8, 1982, as amended by CGD 82-063b, 48 FR 4781, Feb. 3, 1983; CGD 85-048b, 51 FR 15498, Apr. 24, 1986; CGD 88-070, 53 FR 34534, Sept. 7, 1988; CGD 89-025, 54 FR 19571, May 8, 1989; CGD 95-072, 60 FR 50465, Sept. 29, 1995; CGD 94-108, 61 FR 28275, June 4, 1996; CGD 96-041, 61 FR 50730, Sept. 27, 1996]

EDITORIAL NOTE: By CGD 96-041, 61 FR 50730, Sept. 27, 1996, paragraph (a)(1) of § 110.25-3 was amended by removing the word "(G-MSD)". However, by CGD 94-108, 61 FR 28275, June 4, 1996, the word "(G-MSD)" was removed and the word "(MSC)" was added in its place.

Subpart 110.30—Testing and Inspection

§ 110.30-1 General.

(a) This section supplements the general requirements for testing and inspecting vessels in other parts of this chapter.

(b) In the inspection of electric equipment and installations, the rules of the American Bureau of Shipping for materials and construction, and the certificate of classification that refers to them, except as otherwise provided by this subchapter, are accepted as standard.

(c) This subpart must not be construed to imply that shop tests or factory inspections of electric apparatus or equipment of the types conducted by the American Bureau of Shipping are conducted by the Coast Guard. Shop tests of electric apparatus or equipment are conducted by the Coast Guard only when required by this chapter or when requested, either by the manufacturer, shipbuilder, owner, or the Coast Guard, and agreed to by all.

[CGD 74-125A, 47 FR 15232, Apr. 8, 1982, as amended by CGD 94-108, 61 FR 28275, June 4, 1996]

§ 110.30-3 Initial inspection.

The initial inspection, which may be a series of inspections during the construction of the vessel, includes a complete inspection of the electric installation and electric equipment or apparatus. The inspection is to determine that the arrangement, materials, and their installations meet this chapter and the approved plans. The inspection also is to determine that the workmanship of all equipment and apparatus and the installation is satisfactory.

§ 110.30-5 Inspection for certification.

The inspection of electric installations at the annual or biennial inspection incident to reissuance of a Certificate of Inspection includes an inspection of the electric installation and electric equipment to determine mechanical and electrical condition and performance. Particular note must be made of circuits added or modified after the initial inspection.

§ 110.30-7 Repairs or alterations.

The Officer in Charge, Marine Inspection must be notified before—

- (a) Alterations or modifications that deviate from approved plans; or
- (b) Repairs, alterations, or modifications that affect the safety of the vessel.

[CGD 94-108, 61 FR 28275, June 4, 1996]

PART 111—ELECTRIC SYSTEMS—GENERAL REQUIREMENTS

Subpart 111.01—General

Sec.

- 111.01-1 General.
- 111.01-3 Placement of equipment.
- 111.01-5 Protection from bilge water.
- 111.01-7 Accessibility and spacing.
- 111.01-9 Degrees of protection.
- 111.01-11 Corrosion-resistant parts.
- 111.01-13 Limitations on porcelain use.
- 111.01-15 Temperature ratings.
- 111.01-17 Voltage and frequency variations.
- 111.01-19 Inclination of the vessel.

Subpart 111.05—Equipment Ground, Ground Detection, and Grounded Systems

- 111.05-1 Purpose.